



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

**FEB 14 2000**

400 Seventh Street, S.W.  
Washington, D.C. 20590

DOT-E 10788  
(SECOND REVISION)

EXPIRATION DATE: December 31, 2001

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: P.S.I. Plus, Inc.  
East Hampton, Connecticut
2. PURPOSE AND LIMITATIONS:  
  
This exemption authorizes the manufacture, mark, sale and use of a non-DOT specification cylinder conforming to a DOT specification 39 cylinder, except as specified herein, for the transportation in commerce of the materials authorized in paragraph 6 of this exemption. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171- 180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.302(a)(1) and 175.3 in that a non-DOT specification cylinder is not authorized.
5. BASIS: This exemption is based on the application of PSI Plus Inc. dated November 23, 1999, submitted in accordance with § 107.109.

FEB 14 2000

Continuation of DOT-E 10788(2nd Rev.)

Page 2

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Material Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Non-flammable gases listed in 49 CFR Part 173 that are authorized in DOT 39 specification cylinders.	2.2	As appropriate	As appropriate

7. SAFETY CONTROL MEASURES:

PACKAGING - Packaging prescribed is a non-DOT specification, non-refillable steel inside cylinder described as P.S.I. Plus, Inc.'s Part No. 51492 and fabricated in conformance with the DOT specification 39 cylinder except as follows:

§ 178.65(a) *Type, size, service pressure, and test pressure.*

Each cylinder must be welded construction with a marked service pressure not to exceed 80 percent of test pressure or 2,200 psig, whichever is less.

(1) Size limitation: Maximum water capacity may not exceed 10 pounds (277 cubic inches).

(2) and (3) \* \* \*

§ 178.65(b) *Material; steel*

(1) Steel:

(i) AISI 1010 or 1020 aluminum killed steel with the following composition:

\* \* \* \*

(ii) Not applicable.

(iii) \* \* \*

FEB 14 2000

Continuation of DOT-E 10788(2nd Rev.)

Page 3

(iv) Materials with longitudinal welds such as electric resistance welded or drawn over mandrel tubing that is manufactured and tested as shown in the application are authorized.

(2) Not applicable.

(3) and (4) \* \* \*

§ 178.65(c) *Manufacture.*

(1) \* \* \*

(2) \* \* \*

(i) through (v) Not applicable.

\* \* \* \*

§ 178.65(d) *Wall thickness.*

\* \* \*

(1) \* \* \*

(2) Not applicable.

§ 178.65(f) *Pressure test.*

(1) \* \* \*

(2) \* \* \*

(i) through (iii) \* \* \*

(iv) Not applicable.

(3) \* \* \*

§ 178.64(i) *Markings.*

Applies except that "DOT-E 10788" replaces "DOT-39".

FEB 14 2000

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this exemption for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this exemption.

b. A person who is not a holder of this exemption, but receives a package covered by this exemption, may reoffer it for transportation provided no modifications or changes are made to the package and it is offered for transportation in conformance with this exemption and the HMR.

c. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

d. Each packaging manufactured under the authority of this exemption must be marked with a registration symbol designated by the Office of Hazardous Materials Exemptions and Approvals for a specific manufacturing facility.

e. A current copy of this exemption must be maintained at each facility where the package is manufactured under this exemption. It must be made available to a DOT representative upon request.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, cargo aircraft only, and passenger-carrying aircraft.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel or aircraft used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

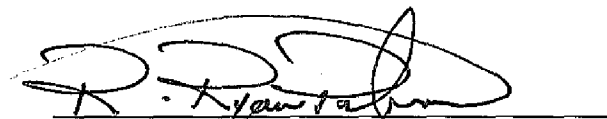
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must also inform the AAHMS, in writing, as soon as practicable of any incidents involving the package and shipments made under this exemption.

Issued at Washington, D.C.



For Robert A. McGuire  
Acting Associate Administrator for  
Hazardous Materials Safety

FEB 14 2000

(DATE)

Address all inquiries to: Associate Administrator for  
Hazardous Materials Safety, Research and Special Programs  
Administration, Department of Transportation, Washington, D.C.  
20590. Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

FEB 14 2000

Continuation of DOT-E 10788(2nd Rev.)

Page 6

Copies of exemptions may be obtained from the AAHMS, U.S.  
Department of Transportation, 400 7th Street, S.W.,  
Washington, DC 20590-0001, Attention: Records Center, 202-366-  
5046.

Dist: FAA, FHWA, FRA, USCG  
PO: KFW